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INFORMATION DISCLOSURE  
STATEMENT  
Patent Application  
Docket No. R&G-108  
Serial No. 10/531,764

  
Doran R. Pace, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Gary Steven Ungless, Nigel Robert Oakley  
Serial No. : 10/531,764  
Filed : April 18, 2005  
Conf. No. : 3763  
For : Cardiac Monitoring Apparatus and Method

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed. However, Applicants have not submitted copies of the U.S. patents or the published U.S. Patent Application cited on attached Form PTO/SB/08 pursuant to 37 CFR 1.98(a)(2)(ii).

It is respectfully requested that the references cited on the attached form PTO/SB/08 be considered in the examination of the subject application and that their consideration be made of record.

Japanese Patent No. JP 62-202804 cited as F9 on the attached PTO/SB/08B is written in a foreign language. In accordance with MPEP §609.04(a)(III), Applicants are submitting herewith a copy of the International Search Report from International Application No. PCT/GB03/004487

which was filed on October 16, 2003. The subject application is the U.S. national stage application of International Application No. PCT/GB03/004487. Applicants respectfully request that the JP 62-202804 reference be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



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DRP/kmm

Attachment: Form PTO/SB/08; copies of cited references; copy of the International Search Report from International Application No. PCT/GB03/004487.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/531,764
Filing Date	April 18, 2005
First Named Inventor	Gary Steven Ungless
Art Unit	
Examiner Name	

Sheet

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of

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Attorney Docket Number R&amp;G-108

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-6,117,077	09-12-2000	Del Mar <i>et al.</i>	All
	U2	US-6,441,747	08-27-2002	Khair <i>et al.</i>	All
	U3	US-5,989,157	11-23-1999	Walton, C. A.	All
	U4	US-6,436,052 B1	08-20-2002	Nikolic, S. D. <i>et al.</i>	All
	U5	US-6,049,730	04-11-2000	Kristbjarnarson, H.	All
	U6	US-5,976,083	11-02-1999	Richardson, J. J. <i>et al.</i>	All
	U7	US-5,263,491	11-23-1993	Thornton, W.	All
	U8	US-6,605,046 B1	08-12-2003	Del Mar, B. E.	All
	U9	US-2003/0171661 A1	09-11-2003	Tong, D. A.	All
	U10	US-3,215,136	11-02-1965	Holter, N. J. <i>et al.</i>	All
	U11	US-4,809,705	03-07-1989	Ascher, G.	All
	U12	US-4,858,617	08-22-1989	Sanders, W. J.	All
	U13	US-5,483,967	01-16-1996	Ohtake, T.	All
	U14	US-5,957,854	09-28-1999	Besson, M <i>et al.</i>	All
	U15	US-6,480,111 B2	11-12-2002	Canady, L. D. <i>et al.</i>	All

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1	WO 02/47465 A2	06-20-2002	Healthetech, Inc.	All	
	F2	GB 2313672 A	12-03-1997	Walker, D. J.	All	
	F3	WO 00/74564 A1	12-14-2000	Del Mar Avionics	All	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
			Application Number	10/531,764	
			Filing Date	April 18, 2005	
			First Named Inventor	Gary Steven Ungless	
			Art Unit		
Examiner Name					
Sheet	2	of	3	Attorney Docket Number	R&G-108

U.S. PATENT DOCUMENTS					
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	U16				
	U17				
	U18				
	U19				
	U20				
	U21				
	U22				
	U23				

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F4	EP 0513548 A2	11-19-1992	Matsushita Electric Industrial Co., Ltd	All	
	F5	GB 2207579 A	02-01-1989	Bach T. <i>et al.</i>	All	
	F6	EP 0925756 A2	06-30-1999	Nihon Kohden Corporation	All	
	F8	JP 2001-198096 (abstract only)	07-24-2001	Terumo Corp.	All	
	F9	JP 62-202804	12-24-1987	Matsushita Electric Works Ltd.	All	
	F10					
	F11					
	F12					
	F13					
	F14					

Examiner Signature		Date Considered	
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Application Number	10/531,764
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Group Art Unit	
Examiner Name	
Attorney Docket Number	R&G-108

Sheet

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of

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	MAKIKAWA, M. <i>et al.</i> "Microprocessor-Based Memory Device for Ambulatory Heart Rate and Physical Activity Recording" <i>Methods of Information in Medicine</i> , 1994, pp. 94-96, Vol. 33, No. 1.	
	R2	TONG, D. A. "Investigation into Electrocardiogram Motion Artifact Reduction, 10-9191" April 1, 2000, 'Online! IR&D Southwest Research Institute, XP-002270312, pp. 1-3. Retrieved from internet <a href="http://www.swri.edu/3pubs/IRD2001/10-9191.htm">http://www.swri.edu/3pubs/IRD2001/10-9191.htm</a> .	
	R3	RAYA, M. A. D. <i>et al.</i> "Adaptive Noise Cancelling of Motion Artifact in Stress ECG Signals Using Accelerometer" <i>Conference Proceedings, 24<sup>th</sup> Annual International Conference of the Engineering in Medicine and Biology Society, Annual Fall Meeting of the Biomedical Engineering Society, Houston, TX, October 23-26, 2002</i> , pp. 1756-1757, Vol. 2, XP-002270313.	
	R4		
	R5		
	R6		
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	R11		
	R12		
	R13		

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